

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/00019

A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: G06F 15/16, G10L 21/00, H04R 5/00, H04M 3/56, H04L 12/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

USPTO, DWPI (chat, avatar, virtual, spatialize, localize, audio, conference)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 349 055 A (MITEL CORPORATION), 18 th October 2000 the whole document	1-37
X	US 6,241,612 B1 (HEREDIA), 5 th June 2001 the whole document	1-37
X	GB 2 303 516 A (GPT LIMITED), 19 th February 1997 the whole document	1-37

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
13 February 2003

Date of mailing of the international search report

20 FEB 2003

Name and mailing address of the ISA/AU

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 696 018 B1 (NIPPON TELEGRAPH AND TELEPHONE CORP), 20 th June 2001 the whole document (in particular, paragraph 27)	1-37
X	US 5,889,843 A (SINGER et al), 30 th March 1999 the whole document	1-6, 9, 16-37
X	US 5,347,306 A (NITTA), 13 th September 1994 the whole document (in particular, column 7, lines 17-30)	1-2, 4-6, 16-23, 26-35, 37
A	US 6,323,857 B1 (MIELEKAMP et al), 27 th November 2001 the whole document (in particular, column 5, line 37 – column 6, 33)	1-37
X, P	US 2002/0013813 A1 (MATSUOKA), 31 st January 2002 the whole document	1-6, 9, 16-37

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00019

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
GB	2349055	CA	2304900		
US	6241612	NONE			
GB	2303516	EP	762717		
EP	696018	EP	942396	EP	942397
		US	5736982	JP	8186648
		JP	9009222	JP	9023275
US	5889843	AU	20648/97	EP	879545
US	5347306	EP	659018	JP	7255044
US	6323857	EP	835494	WO	9740461
US	2002013813	NONE			
END OF ANNEX					